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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION N
10/697,298	10/31/2003	Thi Ngoc Phuong Nguyen	PO92309	9889

7590

10/04/2004

Yi-Wen Tseng
509 ROOSEVELT BLVD. #D306
FALL CHURCH, VA 22044

EXAMINER

NATNITHITHADHA, NAVIN

ART UNIT	PAPER NUMBER
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3736

DATE MAILED: 10/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/697,298

Applicant(s)

NGUYEN, THI NGOC PHUONG

Examiner

Navin Natnithithadha

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Okada, US 6,152,880 A, in view of McEwen, US 4,469,099 A.

In regards to claim 1, Okada teaches an electronic sphygmomanometer (blood pressure measuring apparatus (see fig. 2 and col. 1, lines 6-9), comprising: a bulk body (housing) 20; a key module (switch) 22; a display (LCD) 30; a controller (diagnostic circuit) 60; an electronic manometer (blood pressure measuring circuit) 50; and a gas filling ring (cuff) 10. He also teaches the diagnostic circuit 60 compares the measured diastolic pressures with threshold values (reference levels) S1, S2, S3, D2, D3 in order to judge to which ranges do the systolic and diastolic pressures belong individually (see col. 4, lines 51-57). It is clear that these values would be stored in a memory associated with the diagnostic circuit 60. The display 30 is capable of displaying these values. Okada does not explicitly teach the key module 22 operative to input parameters including measuring times and measuring interval. and a memory connected to the controller operative to store the parameters input by the key module. However, McEwen teaches a blood pressure measuring apparatus (see figs. 1 and 2

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and abstract), comprising: a display 38 and 40; a controller (microprocessor) 60 connected to memory 24 for storing parameters (see col. 4, lines 31-33); and a key module (46, 48, 50, 42, 52) for inputting parameters including measuring time (elapsed set) and measuring interval (increase or decrease the interval) (see col. 5, line 43 to col. 6, line 13). It would have been obvious for one of ordinary skill in the art at the time the invention was made to modify Okada's invention in order to have a self-diagnostic blood pressure measuring apparatus display a variety of information associated with proper diagnosis.

As to claim 2, Okada teaches a the controller generating a control signal (LED display driving circuit 54) when the blood pressure value is higher than the threshold value (exceed reference levels) (see col. 4, lines 51-64).

As to claims 3-5, Okada teaches a warning device (LED lamp) 34.

As to claims 6 and 7, Okada teaches a warning device including generating audio signal (see col. 7, lines 21-26).

As to claim 8, Okada teaches a LCD 30.

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Navin Natnithithadha whose telephone number is (703) 305-2445. The examiner can normally be reached on Monday-Friday, 8:00-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Max Hindenburg can be reached on (703) 308-3130. The fax phone

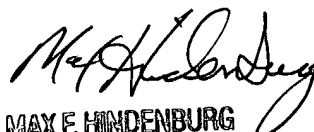
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number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Navin Natnithithadha
Patent Examiner
GAU 3736
September 24, 2004



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